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EG&G ROCKY FLATS



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94RF 02866

EG&G ROCKY FLATS INC
ROCKY FLATS PLANT P O BOX 464 GOLDEN COLORADO 80402 0464 (303) 966 7000

March 9 1994

94 RF 02866

Jessie M Roberson
Acting Assistant Manager for
Environmental Restoration
DOE RFO



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SITOWIDE TREATABILITY STUDIES PLAN PROGRAM (STSP) SGS-167 94

Ref J M Roberson ltr (02383) to S G Stiger Sitewide Treatability Studies Plan Program
March 7 1994

EG&G Rocky Flats Inc has reviewed the Department of Energy Rocky Flats Office (DOE RFO) letter of March 7 1994 requesting an explicit commitment from EG&G Rocky Flats for (1) completing specific treatability studies by November 12 1994 (2) timely completion of setup of the 881 Sitewide Treatability Studies Program (STSP) laboratory and (3) a plan to improve communications with Environmental Protection Agency (EPA) and Colorado Department of Health (CDH) on the STSP

EG&G Rocky Flats is committed to the timely completion of the eight treatability studies requested by EPA and CDH in their letter of February 18 1994 (attached) These treatability studies are required to support the remedy selection for OUs 1 2 3 5 and 6 EPA and CDH requested that the following treatability studies be completed by the referenced date

Magnetic Separation
Chemically Enhanced Steam Stripping
Solvent Extraction
Physical Separation
Adsorption
Ion Exchange
TRU-Clear
Bioremediation
Solidification/Stabilization Workplan

EG&G Rocky Flats prepared the attached Table 6-1 for the Annual Treatability Studies Report that will be issued March 14 1994 This table lists the status of each of the treatability study programs As indicated in the table the majority of the treatability studies will be completed (i.e. bench-scale testing will be complete and preliminary results reviewed with the Agencies) by the November 12 1994 date

The exceptions to this date follow

Chemically Enhanced Steam Stripping (CESS) will be conducted at Los Alamos National Laboratory (LANL) The target date for completion is November 12 1994 A final date will be negotiated with LANL during contract negotiations

Solvent Extraction requires a "hot laboratory" EG&G and DOE/RFO are currently auditing four laboratories in the Denver/Fort Collins area which have an applicable Colorado Department of Public Health Radioactive Materials license Should the laboratories not require upgrading the test program will be completed by November 12 1994

ADMIN RECORD

A-0002-001070

DIS	TR	RC
VARAL, M. E.		
JRMAN, H. S.		
RANCH, D. B.		
ARNIVAL, G. J.		
OPP, R. D.		
AVIS, J. G.		
FRERA, D. W.		
ANNI, B. J.		
ARMAN, L. K.		
ALY, T. J.		
DAHL, T.		
LBIG, J. G.		
JCHINS, N. M.		
ELL, R. E.		
REY, W. A.		
JESTER, A. W.		
HAFFEY, J. W.		
ANN, H. P.	✓	✓
ARX, G. E.		
CDONALD, M. M.		
JENNA, F. G.		
INTROSE, J. K.		
JRMAN, R. V.		
JITER, G. L.		
ZLITO, V. M.		
SING, T. L.		
JDLIN, V. B.		
TLOCK, G. H.		
EWART, D. L.		
GER, S. G.	✓	✓
LIJUAN, M. T.		
VANSON, E. R.		
UNSON, R. B.		
LIANS, S. (ORC)		
LSON, J. M.		
YANT, R. B.		
M. H. H. H. H.	✓	✓
J. H. H. H. H.	✓	✓
J. H. H. H. H.	✓	✓
K. H. H. H. H.	✓	✓
J. H. H. H. H.	✓	✓
ORRES CONTROL	X	X
MIN RECORD	✓	
ATS/T130G		
AFRC		

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CONFIDENTIAL		
SECRET		

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APPROVALS
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TYPSET INITIALS
CB

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The setup of the treatability studies laboratory in Building 881 is underway (i e utility service for the ICP/MS equipment) The initial material was delivered to Building 881 on March 7 1994 A "pre-evolution" evaluation was conducted on March 8 1994 at which time any material deficiencies were identified and craft worker sequence was scheduled Maintenance Planning and Scheduling (MP&S) will complete their schedule by March 11 1994 Technology Development has tentatively scheduled the ICP/MS equipment vendor to complete final calibration and operational checkout of the equipment This schedule will be confirmed the week of March 14 1994 based on the MP&S schedule

In order to improve communications DOE/RFO and EG&G met with EPA and CDH and agreed to continue to hold quarterly meetings to present and discuss the status of various studies as well as provide weekly highlights and/or monthly summaries of programs In addition when significant events affect current schedules formal notification will take place requesting schedule extensions per Part 42 (Extensions) of the Interagency Agreement (IAG)

If you have any questions please direct them to John Hopkins of Environmental Engineering & Technology at extension 8636



S. G. Stiger
Associate General Manager
Environmental Restoration Management
EG&G Rocky Flats Inc

JKH cb

Org and 1 cc J M Roberson

Attachments
As Stated

cc

A	Rampertaap	DOE RFO
R	J Schassburger	DOE RFO
M	N Silverman	DOE RFO
L	W Smith	DOE RFO

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TABLE 6 1

SUBMITTAL DATES AND PROJECT SCHEDULE

SUBMITTAL DATES AND PROJECT SCHEDULE									
Tr eatability Study	Workplan to RFO	Workplan to Agency	Agency Approval of Workplan	Timing	Report to RFO		Report to Agencies	Comment	
					Completed				
STATUS									
Soil Washing NRT	Jul 92	Jul 92	Y	Aug 93	16 May 94	30 May 94		Re lead schedule will be submitted for contract negotiation is completed	
TRUClean	Nov 91	Feb 92	Feb 93	Sep 93	15 Apr 94	29 Apr 94			
EPA SITE Demo	N/A	N/A	N/A	Sep 93		3-Oct 94		Document to be issued by EPA SITE Program	
Plasma Melter	N/A	N/A	N/A	Jan-94	30 May 94	13 Jun-94			
Adsorption	Jun-93	Yes	Yes	Jul 94	11-Oct 94	25-Oct 94			
Ion Exchange	Jun-93	Yes	Yes	Aug 94	11-Oct 94	25-Oct 94			
TRUClear	Feb-94	Open	Open	Aug 94	27 Oct-94	10-Nov 94			
Magnetic Separation	Nov-91	No -91	Yes	Jul 94	1-Jul 94	15-Jul 94			
Chemically Enhanced Steam Stripping	Mar 94	Open	Open	Oct 94	21 Nov 94	6-Dec 94		Phase I (FY 94) Report	
Bioremediation	Mar 94	Open	Open	Sep-94	17 Nov 94	1-Dec 94		Phase I and II	
Solvent Extraction	Jul-94	Open	Open	Oct 94	24 Nov 94	8-Dec 94		Schedule being developed	
Physical Separation	Nov-91	F b 92	F b 93					Sample from TRUClean to be resubmitted for metals analysis	
Stabilization/Solidification	Sep 94							Workplan to cover future studies	
Old Ion/Reduction	Dec-91	Jan 92	Open	1995				Revised Workplan to DOE/RFO Aug 94	
Ultra/Microfiltration	N/A	N/A	N/A	1993	2 May 94	18 May 94		Report to be issued by the USGS to DOE	
Rad Discharge Control	Sep 91	Yes	Yes	Yearly	Yearly			Phase III completed in Sep 94 results presented in Annual TS Report	
Soil Washing LAM	N/A	N/A	N/A	1993	21 Mar-94	4 Apr 94			
Solar Detoxification	May-94	Open	Open	Apr 95	17-Jul-95	31-Jul 95			
Original 13 T 6									
Tentative Date									
OUTSTANDING ISSUES									
a) Plasma Melter Issuance of EG&G Rocky Flats report to DOE/RFO delayed until approximately May 1994 when EG&G Idaho complete proprietary evaluation of Lockheed technology report for Pk 9 remediation program expected in April 1994									
NOTE This schedule is defined by schedule DOE/RFO EPA and CDH are negotiating the schedule for these treatability studies									